

**Notice of Allowability**

Application No.

09/252,989

Examiner

Kevin M. Burd

Applicant(s)

ERIKSSON ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the telephonic interview conducted 10/21/2004.
2. ☒ The allowed claim(s) is/are 2-4,6,8,9,12,13,15-25 and 27-35.
3. ☒ The drawings filed on 03 February 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steven Smith on 10/21/2004.

The application has been amended as follows:

In claim 9, line 8, the phrase "sending indications" is deleted and replaced with "receiving indications sent".

In claim 9, line 10, the phrase "sending a segmentation indicator" is deleted and replaced with "receiving a segmentation indicator sent".

In claim 9, line 13, after the phrase "to the receiving entity" insert ", wherein the segmentation indicator is set to indicate that retransmitted data blocks should not be resegmented if a subblock memory in the receiving entity has sufficient memory space available to support an incremental redundancy mode of retransmitting the data blocks that could not be decoded;".

In claim 22, line 15, after the phrase "redundant subblocks of data" insert ", wherein the preferred operating mode for retransmitting the identified subblocks is indicated as being an incremental redundancy mode if a subblock memory in the

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receiving entity has sufficient memory space available to support the incremental redundancy mode;"

Cancel claim 26.

In claim 28, line 15, after the phrase "redundant subblocks of data" insert  
", wherein the preferred operating mode for retransmitting the identified subblocks is indicated as being an incremental redundancy mode if a subblock memory in the receiving entity has sufficient memory space available to support the incremental redundancy mode;"

In claim 33, line 16, after the phrase "to the receiving entity" insert ", wherein the receiving entity sets the segmentation indicator to indicate that retransmitted data blocks should not be resegmented if a subblock memory in the receiving entity has sufficient memory space available to support an incremental redundancy mode of retransmitting the data blocks that could not be decoded;"

The following is an examiner's statement of reasons for allowance: Minko (US 5,963,551) discloses a method of transmitting information between a transmitter and receiver and changing the encoding scheme used in the transmission to retransmit data when necessary as described in the previous office actions. Minko does not disclose the use of incremental redundancy mode according to the amount of memory space available as stated in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin M. Burd whose telephone number is (571) 272-3008. The examiner can normally be reached on Monday - Thursday 9 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kevin M. Burd  
10/30/2004

**KEVIN BURD  
PATENT EXAMINER**



**MOHAMMED GHAYOUR  
SUPERVISORY PATENT EXAMINER**